

USSN 10/068,159

Response

As identified by the Examiner, Group I, Species 1 is directed to a stacked die assembly in which the second die includes a recessed edge portion. Applicant submits that Species 1 should correctly include the claims identified by the Examiner and the following **bolded** claims: ~~1-14~~, 33-38, ~~47-50~~, ~~112-119~~, ~~124-127~~, ~~128-131~~, ~~137-139~~, ~~141~~, 142, and ~~144~~.

OK ✓ Claims 47-50² recite the die assembly of Claim 1, which is classed in Species 1.

Claims 124-127 were not classified into any Species group. It is submitted that Claim 1 is generic to Claims 124-127, which recite a third die having a *recessed edge portion along the perimeter* with sufficient clearance for connecting means from the bond pads of the second die to the substrate. Claims 124-127 should be properly included in Species 1.

✓ Claims 137-139 recite the die package of Claim 119, which is classed in Species 1.

Claim 141 recites the die package of Claim 127, which should be classed in Species 1.

OK Claim 142 recites the die package of Claim 131, which is classed in Species 1.

OK Claim 144 recites the die assembly of Claim 1, which is classed in Species 1.

Accordingly, the Examiner is respectfully requested to modify the Species 1 set of claims to include the above-mentioned claims.

The Examiner is also requested to correct the non-elected Species groups as follows.

Group I, Species 2: Applicant submits that Species 2 should correctly include the claims identified by the Examiner and the following **bolded** claims: 15-32, **51-53**, 120-123, **140**, and **145-147**.

Claims 51-53 recite the die assembly of Claims 15, 24 or 32, which are classed in Species 2.

Claim 140 recites the die package of Claim 123, which is classed in Species 2.

Claims 145-147 recite the die assembly of Claims 15, 24 or 32, which are classed in Species 2.

² Claims 47-50 were mistakenly classified in Species 3, and are properly classed in Species 1.

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Group I, Species 3: Applicant submits that Species 3 [presently Claims 39-54 and 132-148] should be revised to include the following claims: 39-46, 54, 132-136, 143, and 148.

Claims 47-50 recite the die assembly of Claim 1, and should be moved to Species 1.

Claims 51-53 recite the die assembly of Claims 15, 24 or 32, and should be moved to Species 2.

Claims 137-139 recite the die package of Claim 119, and should be moved to Species 1.

Claim 140 recites the die package of Claim 123, and should be moved to Species 2.

Claim 141 recites the die package of Claim 127, and should be moved to Species 1.

Claim 142 recites the die package of Claim 131, and should be moved to Species 1.

Claim 144 recites the die assembly of Claim 1, and should be moved to Species 1.

Claims 145-147 recite the die assembly of Claims 15, 24 or 32, and should be moved to

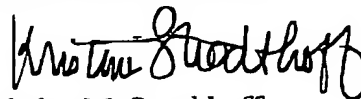
Species 2.

Accordingly, the Examiner is respectfully requested to modify the Species 2 and 3 sets of claims.

Applicant notes that the election of species is for the purpose of prosecution on the merits, and that Applicant will be entitled to consideration of claims to additional species upon allowance of a generic claim. It is understood that if the claims of the elected Species 1 are found allowable over the prior art, the Examiner will expand the search to include other species.

Applicant believes that the claims are in condition for allowance, and notification to that effect is respectfully requested.

Respectfully submitted,



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